



Mechanical Engineer/Designer – Induction Heating Equipment

Job title: Mechanical Engineer/Designer

Date: 08-06-2007

Location: Rochester, NY

Company: Induction Atmospheres

Job Description:

We are an independent induction heating system integrator in Rochester, New York that supplies integrated systems worldwide. We are looking for a Mechanical Engineer with SolidWorks design experience to join our team. As a Mechanical Engineer/Designer the individual will be responsible for everything from system concept to final install at the customer's site. This includes concept, design, detailing, and communicating with both customers and vendors. Individual needs to be a motivated team player with excellent problem solving, communication, and interpersonal skills.

Responsibilities:

- Prepare mechanical drawings representing layout of facilities and equipment.
- Size equipment such as pumps, tanks, conveyors, and pipes.
- Prepare data sheets on equipment.
- Obtain technical information from equipment suppliers.
- Participate in the development and design of induction heating components and systems.
- Recommend creative, technically feasible solutions that satisfy customer needs, while adhering to engineering standards and strategic direction.
- Evaluate state-of-the-art technological developments in various machine tool industries, and apply the latest advances.
- Apply theoretical principles and engineering techniques in designing a vehicle that is reliable, serviceable, energy efficient and competitive.
- Use programming and modeling techniques in conjunction with mathematical analyses.
- Interface with Sales, Electrical, Machine Shop, Build, Service, personnel as well as a multi-tier supplier base.
- Work with in worldwide product regulation and compliance to design systems that meet both customer and government regulations, restrictions and codes.
- Strive for continuous improvement in both processes and products.

Requirements:

- Minimum Education Associates Mechanical Engineering/Technology
- Proficiency in working with SolidWorks.
- 2 years minimum work experience in Mechanical Engineering/Design
- Strong troubleshooting and analytical problem solving skills; ideally some experience in technical consulting.
- Proficient in Microsoft suite of products
- Willing to travel where required.

Desired Knowledge/Skills:

- Experience working with a 3D design software package such as SolidWorks, Inventor, Mechanical Desktop, Pro/E or other.
- Education BS Mechanical Engineering

- General understanding of industrial equipment operations.
- Bachelor of Science in Mechanical Engineering, Electrical Engineering or a related technical discipline.
- At least 1 years' experience in product engineering design is preferred.
- Excellent verbal and written communication skills.
- Personal computer office automation and presentation skills.
- Experience with documenting designs, using computer aided design systems, for mechanical or electrical, is strongly preferred.
- Fluency in English.
- Proficiency in any of the following: French, Italian, German, Japanese or Spanish is a plus.

Induction Atmospheres is able to offer employees a benefit package including medical, 401(k), and profit sharing. Qualified individuals please email resumes to jobs@inductionatmospheres.com for immediate consideration.